

BRUHAT BANGALORE MAHANAGARA PALIKE										
NAME OF THE PROJECT: ADDITIONAL WORK TO PRIMARY HEALTH CENTER AT RAMCHANDRAPURA IN WARD NO 10 DODDABOMMASANDRA VIDYARANYAPURA SUB DIVISION.										
Agency		Sri.Kumar N, No:36, 5th Cross, Dr T C M, Royan Road, Bhakshi Garden, Bangalore - 560053								
Estimate Amount:-		1800000.000								
Approved Amount		1594977.080								
Name of Contractor:-		Sri.Kumar N								
Tender premium:-		EIRL								
Sl No	Item Of Work	Unit	Estimate qty	Rate from EIRL Rate analysis	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E1	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2, Pg No 16, Item No 4.32	Sqm	30.88	492.48	15207.78	Additional Item	No	-	Yes, ((Pg No. 16, IT No. 4.32) of KPWD S.R 2018-19)	
E2	Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses Pg No.299 Item No.38.30	Sqm	31.20	743.04	23182.85	Additional Item	No	-	Yes, ((Pg No.299, It No.38.30) of KPWD S.R 2018-19).	

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1	2	3	4	5	6	7	8	9	10	11
E3	Fabricating, supplying and erecting M.S. Tubular Truss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S angle and welding wherever necessary, and applying one coat of red oxide primer coat to all themembers including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification. (Page No. 43 Item No. 7.29 of CSR 2018-19).	kgs	318.80	119.88	38217.74	Additional Item	No	-	Yes, (Pg No.43, It No.7.29) of KPWD S.R 2018-19).	
E4	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2, Pg No. 13 Item No. 4.6	Cum	3.83	6393.29	24504.19	Additional Item	No	-	Yes, (Pg No.13, It No.4.6) of KPWD S.R 2018-19). (Issue Rate)	

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1	2	3	4	5	6	7	8	9	10	11
E5	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerdressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Pg No 25 item No 5.6	Cum	19.16	4963.68	95123.96	Additional Item	No	-	Yes, (Pg No.25, It No.5.6) of KPWD S.R 2018-19).	
E6	KSRB 5.4-4 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13 Pg No 25 item No 5.13	Cum	10.76	6485.40	69785.50	Additional Item	No	-	Yes, (Pg No.25, It No.5.13) of KPWD S.R 2018-19).	
E7	KSRB 15.1.3 - do - Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Pg No 115 item No. 15.3	Cum	11.50	153.36	1763.39	Additional Item	No	-	Yes, (Pg No.115, It No.15.3) of KPWD S.R 2018-19).	

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1	2	3	4	5	6	7	8	9	10	11
E8	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 gauge M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification. P. No. 45 / I. No. 7.37	Sqm	9.84	3252.96	32009.13	Additional Item	No	-	Yes, (Pg No.45, It No.7.37) of KPWD S.R 2018-19).	
E9	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9, Pg No.7, Item No.2.10	Cum	9.58	217.08	2080.06	Additional Item	No	-	Yes, (Pg No.7, It No.2.10) of KPWD S.R 2018-19).	

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1	2	3	4	5	6	7	8	9	10	11
E10	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing, cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials, mortar, labour, curing etc., complete as per Specification. Pg No 110, Item No 14.51	Sqm	14.91	4812.48	71764.18	Additional Item	No	-	Yes, (Pg No.110, It No.14.51) of KPWD S.R 2018-19).	
	TOTAL EIRL AMOUNT				373638.79					

PERCENTAGE OF EXCESS COMPARING TO SANCTIONED COST $\frac{373638.79}{1594977.08} \times 100 = 14.90\%$

Swathi .N.R
Asst Engineer

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Asst. Executive Engineer
ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhat Bengaluru Mahanagara Palike

Swathi .N.R
Executive Engineer
ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ವಿದ್ಯಾರಣ್ಯಪುರ, ವಿಭಾಗ
ಬಿ.ಬಿ.ಎ.ಎ. ವಿಭಾಗ

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